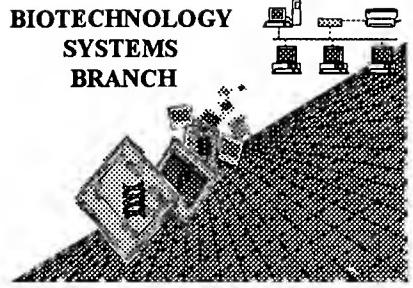


RAW SEQUENCE LISTING

ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 09/191,997

Art Unit / Team No.: QPE

Date Processed by STIC: 11/23/98

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,

2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

ARTI SHAH 703-308-4212

Raw Sequence Listing Error Summary

ERROR DETECTED**SUGGESTED CORRECTION**SERIAL NUMBER: 09/191,997

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nuclecs The number/text at the end of each line "wrapped" down to the next line.
 This may occur if your file was retrieved in a word processor after creating it.
 Please adjust your right margin to .3, as this will prevent "wrapping".
- 2 Wrapped Aminos The amino acid number/text at the end of each line "wrapped" down to the next line.
 This may occur if your file was retrieved in a word processor after creating it.
 Please adjust your right margin to .3, as this will prevent "wrapping".
- 3 Incorrect Line Length The rules require that a line not exceed 72 characters in length. This includes spaces.
 All text must be visible on page.
- 4 Misaligned Amino Acid Numbering The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs between the numbering. It is recommended to delete any tabs and use spacing between the numbers.
- 5 Non-ASCII This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.
 Please ensure your subsequent submission is saved in ASCII text so that it can be processed.
- 6 Variable Length Sequence(s) _____ contain n's or Xaa's which represented more than one residue.
 As per the rules, each n or Xaa can only represent a single residue.
 Please present the maximum number of each residue having variable length and
 Indicate in the (ix) features section that some may be missing.
- 7 Wrong Designation Sequence(s) _____ contain amino acid or nucleic acid designators which are not standard representations as per the Sequence Rules (Please refer to paragraph 1.822)
- 8 Skipped Sequences (OLD RULES) Sequence(s) _____ missing. If intentional, please use the following format for each skipped sequence:
 (2) INFORMATION FOR SEQ ID NO:X:
 (I) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS")
 (xl) SEQUENCE DESCRIPTION:SEQ ID NO:X:
 This sequence is intentionally skipped

 Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).
- 9 Skipped Sequences (NEW RULES) Sequence(s) _____ missing. If intentional, please use the following format for each skipped sequence.
 <210> sequence id number
 <400> sequence id number
 000
- 10 Use of N's or Xaa's (NEW RULES) Use of N's and/or Xaa's have been detected in the Sequence Listing.
 Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
- 11 Use of <213>Organism (NEW RULES) Sequence(s) _____ are missing this mandatory field or its response.
- 12 Use of <220>Feature (NEW RULES) Sequence(s) _____ are missing the <220>Feature and associated headings.
 Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown"
 (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32)
 (Sec. 1.823 of new Sequence Rules)
- 13 Wrong Format File submitted was in the alphabetical heading format of the Old Sequence Rules. This is invalid since the "Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Disclosures" Federal Register Notice, Vol. 63, No. 104, June 1, 1998, p. 29620 applies to applications filed on or after July 1, 1998.

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/191,997DATE: 11/23/1998
TIME: 16:18:32

Input Set: I191997.RAW

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

```

1 <110> Edwards, Jean-Baptiste Dumas Milne
2 Duclert, Aymeric
3 Bougueret, Lydie
4 <120> Extended cDNAs for Secreted Proteins
5 <130> GENSET.016A
6 <150> 60/066,677
7 <151> 1997-11-13
8 <160> 227
9 <170> Patent.pm

```

New format

*>/140> add these
<141> human identifiers
and responses, your
that a serial number
for this assigned*

*Does Not Comply
Corrected Diskette Needed*

ERRORED SEQUENCES FOLLOW

```

E--> 10 <210> 227
11 <211> 241
12 <212> PRT
13 <213> Homo sapiens
14 <220>
15 <221> SIGNAL
16 <222> -103...1
17 <400> 227
18 Met Trp Leu Asp Pro Val Phe Pro Val Gly Asp His Tyr
19 -100 -95 -90
20 Leu Pro His Leu His Met Asp Val Leu Glu Gly Leu Ile Leu Val Leu
21 -85 -80 -75
22 Pro Cys Ile Asp Val Phe Val Lys Val Asp Leu Arg Thr Val Thr Cys
23 -70 -65 -60
24 Asn Ile Pro Pro Gln Glu Ile Leu Thr Arg Asp Ser Val Thr Thr Gln
25 -55 -50 -45 -40
26 Val Asp Gly Val Val Tyr Tyr Arg Ile Tyr Ser Ala Val Ser Ala Val
27 -35 -30 -25
28 Ala Asn Val Asn Asp Val His Gln Ala Thr Phe Leu Leu Ala Gln Thr
29 -20 -15 -10
30 Thr Leu Arg Asn Val Leu Gly Thr Gln Thr Leu Ser Gln Ile Leu Ala
31 -5 1 5
32 Gly Arg Glu Glu Ile Ala His Ser Ile Gln Thr Leu Leu Asp Asp Ala
33 10 15 20 25
34 Thr Glu Leu Trp Gly Ile Arg Val Ala Arg Val Glu Ile Lys Asp Val
35 30 35 40
36 Arg Ile Pro Val Gln Leu Gln Arg Ser Met Ala Ala Glu Ala Glu Ala
37 45 50 55
38 Thr Arg Glu Ala Arg Ala Lys Val Leu Ala Ala Glu Gly Glu Met Asn
39 60 65 70

```

next page

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/191,997DATE: 11/23/1998
TIME: 16:18:32

Input Set: I191997.RAW

40 Ala Ser Lys Ser Leu Lys Ser Ala Ser Met Val Leu Ala Glu Ser Pro
41 75 80 85
42 Ile Ala Leu Gln Leu Arg Tyr Leu Gln Thr Leu Ser Thr Val Ala Thr
43 90 95 100 105
44 Glu Lys Asn Ser Thr Ile Val Phe Pro Leu Pro Met Asn Ile Leu Glu
45 110 115 120
46 Gly Ile Gly Gly Val Ser Tyr Asp Asn His Lys Lys Leu Pro Asn Lys
47 125 130 135
48 Ala

E--> 49
E--> 50 S:\DOCS\DOH\GENSET\016A.TXT
E--> 51 111398
E--> 52 220

delete

See attached

PAGE: 3

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/191,997DATE: 11/27/1998
TIME: 16:46:46

Input Set: I191997.RAW

95 <210> SEQ ID NO 11
96 <211> LENGTH: 25
97 <212> TYPE: DNA
98 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <221> NAME/KEY: Oligonucleotide
101 <400> SEQUENCE: 11
102 atggaaagg aaaagactca tatca 25
103 <210> SEQ ID NO 12
104 <211> LENGTH: 25
105 <212> TYPE: DNA
106 <213> ORGANISM: Artificial Sequence
107 <220> FEATURE:
108 <221> NAME/KEY: Oligonucleotide
109 <400> SEQUENCE: 12
110 agcagcaaca atcaggacag cacag 25
111 <210> SEQ ID NO 13
112 <211> LENGTH: 25
113 <212> TYPE: DNA
114 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <221> NAME/KEY: Oligonucleotide
117 <400> SEQUENCE: 13
118 atcaagaatt cgcacgagac catta 25
119 <210> SEQ ID NO 14
120 <211> LENGTH: 67
121 <212> TYPE: DNA
122 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <221> NAME/KEY: Oligonucleotide
125 <400> SEQUENCE: 14
126 atcggttggaa ctcttaccatc cagagtacg agagagacta cacgttactg gttttttttt 60
W--> 127 tttttttt see item 10 on Err Summary sheet 67
128 <210> SEQ ID NO 15
129 <211> LENGTH: 29
130 <212> TYPE: DNA
131 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <221> NAME/KEY: Oligonucleotide
134 <400> SEQUENCE: 15
135 ccagcagagt cacgagagag actacacgg 29
136 <210> SEQ ID NO 16
137 <211> LENGTH: 25
138 <212> TYPE: DNA
139 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
141 <221> NAME/KEY: Oligonucleotide
142 <400> SEQUENCE: 16
143 cacgagagag actacacgg actgg 25
144 <210> SEQ ID NO 17

PAGE: 4

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/191,997

DATE: 11/27/1998
 TIME: 16:46:46

Input Set: I191997.RAW

```

145 <211> LENGTH: 526
146 <212> TYPE: DNA
147 <213> ORGANISM: Homo Sapiens
148 <220> FEATURE:
149 <221> NAME/KEY: misc_feature
150 <222> LOCATION: complement(261..376)
151 <223> OTHER INFORMATION: blastn
152 <220> FEATURE:
153 <221> NAME/KEY: misc_feature
154 <222> LOCATION: complement(380..486)
155 <223> OTHER INFORMATION: blastn
156 <220> FEATURE:
157 <221> NAME/KEY: misc_feature
158 <222> LOCATION: complement(110..145)
159 <223> OTHER INFORMATION: blastn
160 <220> FEATURE:
161 <221> NAME/KEY: misc_feature
162 <222> LOCATION: complement(196..229)
163 <223> OTHER INFORMATION: blastn
164 <220> FEATURE:
165 <221> NAME/KEY: sig_peptide
166 <222> LOCATION: 90..140
167 <223> OTHER INFORMATION: Von Heijne matrix
168 <400> SEQUENCE: 17
169 aatatrarac agctacaata ttccagggcc artcacttgc catttctcat aacagcgta 60
170 gagagaaaaga actgactgar acgtttgag atg aag aaa gtt ctc ctc ctg atc 113
171 Met Lys Lys Val Leu Leu Leu Ile
172 -15 -10
173 aca gcc atc ttg gca gtg gct gtw ggt ttc cca gtc tct caa gac cag 161
174 Thr Ala Ile Leu Ala Val Ala Val Gly Phe Pro Val Ser Gln Asp Gln
175 -5 1 5
176 gaa cga gaa aaa aga agt atc agt gac agc gat gaa tta gct tca ggr 209
177 Glu Arg Glu Lys Arg Ser Ile Ser Asp Ser Asp Glu Leu Ala Ser Gly
178 10 15 20
179 wtt ttt gtg ttc cct tac cca tat cca ttt cgc cca ctt cca cca att 257
180 Xaa Phe Val Phe Pro Tyr Pro Tyr Pro Phe Arg Pro Leu Pro Pro Ile
181 25 30
182 cca ttt cca aga ttt cca tgg ttt aga cgt aan ttt cct att cca ata 305
183 Pro Phe Pro Arg Phe Pro Trp Phe Arg Arg Xaa Phe Pro Ile Pro Ile
184 40 45 50 55
185 cct gaa tct gcc cct aca act ccc ctt cct agc gaa aag taaacaaraa 354
186 Pro Glu Ser Ala Pro Thr Pro Leu Pro Ser Glu Lys
187 60 65
188 ggaaaagtca crataaacct ggtcacctga aattgaaatt gagccacttc cttgaaraat 414
189 caaaaattcct gttaataaaa raaaaacaaa tgtaattgaa atagcacaca gcattctcta 474
190 gtcaatatct ttagtgatct tctttaataa acatgaaagc aaaaaaaaaa aa 526
191 <210> SEQ ID NO 18
192 <211> LENGTH: 17
193 <212> TYPE: PRT
194 <213> ORGANISM: Homo Sapiens

```

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.



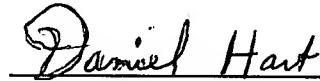
PATENT

Case Docket No. GENSET.016A
Date: August 3, 1999

(X) Fees as calculated below:

FEE FOR EXTENSION OF TIME (LARGE ENTITY)	4 months	\$ 1,360
SURCHARGE 37 CFR 1.16(e)		\$ + 130
TOTAL OF ABOVE CALCULATIONS		\$ 1,490
REDUCTION BY 1/2 FOR FILING BY SMALL ENTITY.		
Note 37 CFR 1.9, 1.27, 1.28. If applicable, verified statement must be attached.		\$ - 0
TOTAL FEES SUBMITTED HEREWITH		\$ 1,490

- (X) A check in the amount of \$1,490 to cover the above fees is enclosed.
(X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410. A duplicate copy of this sheet is enclosed.



Daniel Hart
Registration No. 40,637
Attorney of Record



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Dumas Milne Edwards et al.)	Group Art Unit 1646
Appl. No.	:	09/191,997)	
Filed	:	November 13, 1998)	I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on
For	:	EXTENDED CDNAS FOR SECRETED PROTEINS)	August 3, 1999 (Date)
Examiner	:	Unknown)	Daniel Hart Daniel Hart, Reg. No. 40,637

LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

The Applicants respectfully request that the full last name of the first inventor be used in all communications from the Patent and Trademark Office. Kindly note that the last name of the first named inventor, (Jean-Baptiste Dumas Milne Edwards), is Dumas Milne Edwards.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: August 3, 1999

By: Daniel Hart
Daniel Hart
Registration No. 40,637
Attorney of Record
620 Newport Center Drive, 16th Floor
Newport Beach, CA 92660
(619) 235-8550